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Commissioner for Patents
Washington, DC 20231
ATTN: BOX PATENT APPLICATION

UTILITY
PATENT APPLICATION
TRANSMITTAL

Sheet 1 of 2

Docket No.: 01-484
Date: March 6, 2002

U.S. Express Mail Label No.: EV018464106US

Inventor Name(s):
IMED (NMI) GHARSALLI AND DANIEL E. SHEARER

Title:
INPUT/OUTPUT INTERFACE CONTROL

- ☒ Fee Transmittal Form Attached in Duplicate
- ☒ Specification and Claim(s) [Total Pages 10]
- ☒ Drawing(s) [Total Sheets 2]
- FORMAL

Declaration [Total Pages 1]

- ☒ Newly Executed (Original or Copy)
- ☐ Copy From Prior Application (37 CFR § 1.63(d))
- ☐ Deletion of Inventor(s) (37 CFR § 1.63(d)(2))
(Signed Statement Attached)

- ✓ ☒ Assignment Papers (Cover Sheet and Document(s))
- ☐ 37 CFR § 3.73(b) Statement (if applicable) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449
- ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (Specifically Itemized)
- ☐ Certified Copy of Priority Document(s)
- ☐ Other

Sheet 2 of 2

If a Continuing Application

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP)

of prior Application No.: ;

Examiner: ; and

Group/Art Unit:

☐ Cancel Claims:

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:

☒ Customer Number or Bar Code Label:

719

or

☐ Correspondence address below:

Name:

Address:

City:

State:

Zip Code:

Country:

Attorney/Agent: Robin S. Spellman

Registration No.: P50,393

Signature:

Robin S. Spellman
Caterpillar Inc.

Date: 3/6/2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

740

Complete if Known

Application Number	(Unassigned)
Filing Date	(Herewith)
First Named Inventor	Imed (NMI) Gharsalli ET AL.
Examiner Name	(Unassigned)
Group Art Unit	(Unassigned)
Attorney Docket No.	01-484

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-1129

Deposit Account Name _____

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	201	740	Utility filing fee	740
106	206	330	Design filing fee	
107	207	510	Plant filing fee	
108	208	740	Reissue filing fee	
114	214	160	Provisional filing fee	

SUBTOTAL (1) (\$)

740

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
15	-20** = 0	18	0
2	-3** = 0	84	0
Multiple Dependent			

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description
103	203	18	Claims in excess of 20
102	202	84	Independent claims in excess of 3
104	204	280	Multiple dependent claim, if not paid
109	209	84	** Reissue independent claims over original patent
110	210	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	Surcharge - late filing fee or oath	
127	227	50	Surcharge - late provisional filing fee or cover sheet	
139	139	130	Non-English specification	
147	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	Requesting publication of SIR after Examiner action	
115	115	215	Extension for reply within first month	
116	216	400	Extension for reply within second month	
117	217	920	Extension for reply within third month	
118	218	1,440	Extension for reply within fourth month	
128	228	1,960	Extension for reply within fifth month	
119	219	320	Notice of Appeal	
120	220	320	Filing a brief in support of an appeal	
121	221	280	Request for oral hearing	
138	1,510	138	Petition to institute a public use proceeding	
140	110	240	Petition to revive - unavoidable	
141	1,280	241	Petition to revive - unintentional	
142	1,280	242	Utility issue fee (or reissue)	
143	460	243	Design issue fee	
144	620	244	Plant issue fee	
122	130	122	Petitions to the Commissioner	
123	50	123	Processing fee under 37 CFR 1.17(q)	
126	180	126	Submission of Information Disclosure Stmt	
581	40	581	Recording each patent assignment per property (times number of properties)	
146	740	246	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	Request for Continued Examination (RCE)	
169	900	169	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robin S. Spellman	Registration No. (Attorney/Agent)	P50,393	Telephone	(309) 675-5682
Signature	<i>Robin S. Spellman</i>	Date	03/06/2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.